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 Date: 12/9/02
 Description: ISSUED FOR BID



RENAUD SPIRIT CENTER
 For the City of O'Fallon - Missouri



Jacobs Project No: F0940000
 Drawing Title: LEISURE POOL PRESSURE PIPING
 Date: DECEMBER 9, 2002
 Designed By: MS
 Drawn By: MCH/ML
 Checked By: SM
 Drawing No: SP2.1

- PIPING NOTES**
 (PERTAINING TO ALL PIPING)
1. ALL PIPING SHALL BE CONCRETE DIAGRAMATIC.
 2. COORDINATE ALL PIPING WITH PLUMBING MECHANICAL, AND ELECTRICAL.
 3. ALL PIPING BELOW FLOOR FINISH SHALL BE ENCASED IN CONCRETE.
 4. COORDINATE ALL POOL PIPE ROUTING AND ELEVATIONS WITH ALL TRADES.
 5. ALL ENCASED PIPES SHOWN ARE NOMINAL PIPE DIAMETERS, SCHEDULE 40 PIPING. ALL BELOW DECK PIPING SHALL BE SCHEDULE 40 PIPING. ALL EXPOSED PIPES ARE NOMINAL PIPE DIAMETERS, SCHEDULE 40 PIPING UNLESS OTHERWISE INDICATED.
 6. ALL SWIMMING POOL PIPING MUST MEET ASTM D-1785 AND BE NSF APPROVED. SEE SPECIFICATIONS FOR MORE DETAIL.
 7. ALL UNDERDECK AIR DUCTS TO BE MADE FINISHED WALLS AND DO NOT TAKE INTO ACCOUNT FLOOR SLIPS.
 8. INSTALL FLOW SENSORS AND/OR IMPACT FLOW METERS IN PIPE DIAMETERS CORRESPONDING AND 1 PIPE DIAMETER UPSTREAM OF ANY FITTING.
 9. THE CHEMICAL SENSOR LINE SHALL BE A 1/2" PVC LINE EXTENDING FROM THE ACT. CELL SENSOR TO THE POOL'S RESPECTIVE PULP FORMER.

- LEGEND**
- ▲ WALL NIET
 - FLOOR NIET
 - MAIN DRAIN BOX
 - SHOWER
 - BELOW GRADE PIPING
 - ⊗ VALVE BOX

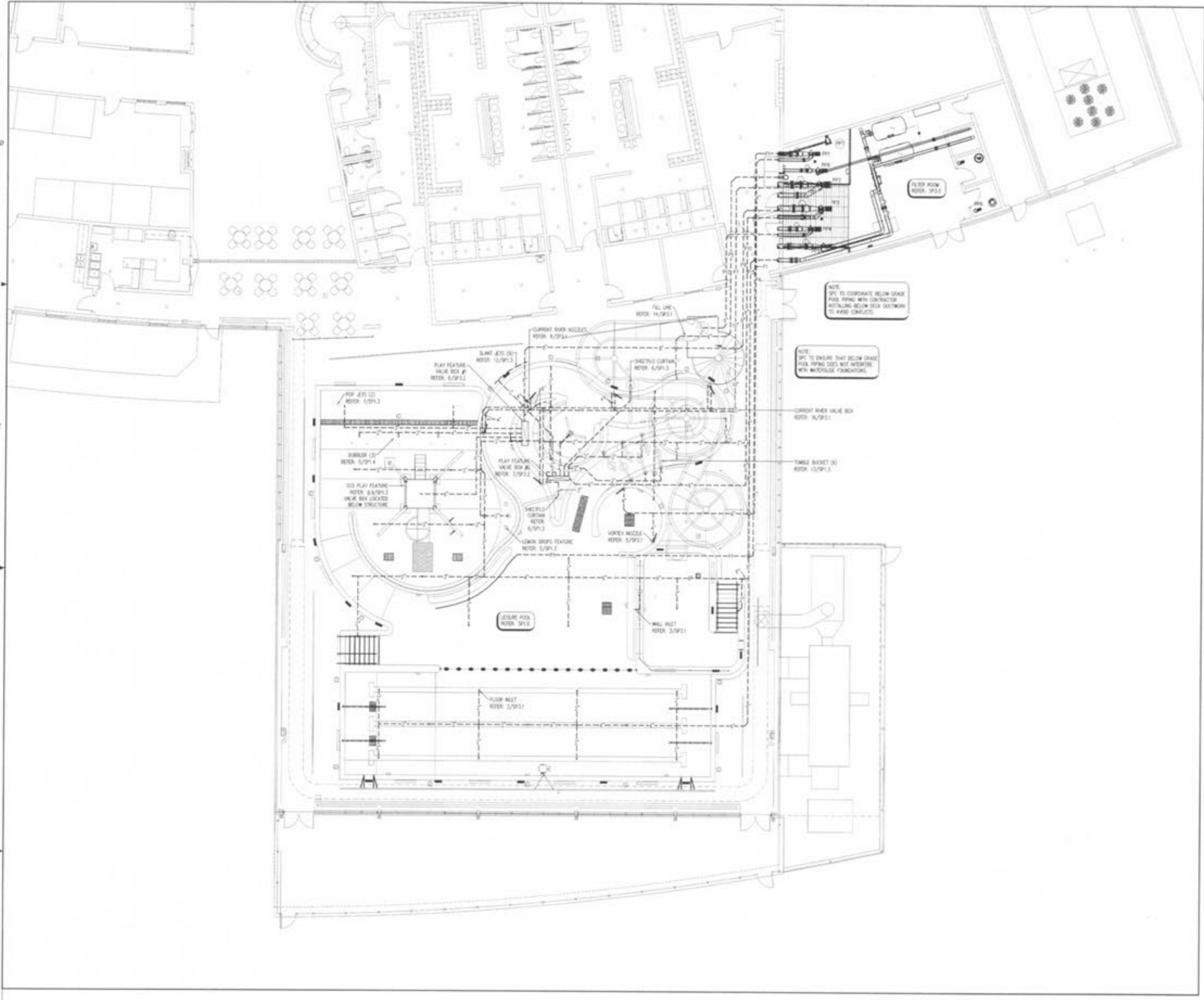
PUMP SCHEDULE

ID	DESCRIPTION	QPM	TDH	HP
PP1	VORTEX PUMP	600	40	15
PP2	CURRENT RIVER PUMP	1700	40	25
PP3	PLAY FEATURE PUMP	1800	40	25
PP4	WATERSLIDE PUMP	800	45	15
PP5	LEISURE POOL REGULATOR PUMP	1015	60	25
PP6*	CHLORINE BOOSTER PUMP	-	-	3/4
PP7	UNDERWATER BENCH BUBBLERS	75	10	7
PP8	BEACH LOVER PUMP	2	10	1

* CONTINUOUS RUN PUMP THAT IS NOT POWERED FROM CHLORINE CONTROLLER. IT MUST BE INTERLOCKED WITH POOL REGULATOR PUMP, PP-5 & PP-1.

PIPING SCHEDULE

ID	DESCRIPTION
PI1	1" 2" UNDERWATER BENCH BUBBLERS
PI2	1" 2" STATIC LINE
PI3	1" 2" FROM MAIN DRAIN TO PP1
PI4	1" 2" TO VORTEX NOZZLES
PI5	1" 2" FILL LINE
PI6	1" 2" FROM MAIN DRAIN TO PP2
PI7	1" 2" TO CURRENT RIVER VALVE BOX
PI8	1" 2" FROM MAIN DRAIN TO PP3
PI9	1" 2" TO PLAY FEATURE VALVE BOX #1
PI10	1" 2" TO PLAY FEATURE VALVE BOX #2
PI11	1" 2" FROM MAIN DRAIN TO PP4
PI12	1" 2" TO PLUMB SLEEVE
PI13	1" 2" FROM MAIN DRAIN TO PP5
PI14	1" 2" FROM CHLORINE TO PP6
PI15	1" 2" TO POOL NIETS
PI16	1" 2" FROM MAIN DRAIN TO PP8



1 PRESSURE PIPING PLAN (SUPPLY)
 SP2.1
 1/8" = 1'-0"